

# Work Order ID 94338

\*94338\*

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Monday, December 10, 2012 10:02:41 AM

Item ID: D4305-5 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Shoulder Harness  
 Start Date: 12/10/2012 Start Qty: 1.00  
 Required Date: 12/28/2012 Req'd Qty: 1.00  
 Reference: Cust Item ID:  
 Customer:

Approvals: Process Plan: MF Date: 12-12-10 Tooling: Date: Run Start \*NR1\*  
 QC: Date: SPC (Y/N): Date: Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4305	C								
100		0.00							
*100*									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>18614</u>								
	Supplier: AMSAFE P#4181-2071912396								
	Material release note required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
*110*									
Packaging	Memo	0.00							
Packaging									
120	QC6- Inspect dimensions to drawing	0.00							
*120*									
QC	Memo	0.00							
Quality Control									

CL 12/12/10 (4)

4X SP 12-12-28

DAS 15 2-89

13-1-3

4



# Work Order ID 94338

\*94338\*

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Monday, December 10, 2012 10:02:41 AM

Item ID: D4305-5 Accept \*N900040100\* Setup Start \*NS1\*  
Revision ID: Stop \*NS2\*  
Item Name: Shoulder Harness  
Start Date: 12/10/2012 Start Qty: 1.00 \*1\* Cust Item ID:  
Required Date: 12/28/2012 Req'd Qty: 1.00 \*1\* Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location <u>ST 267</u>	0.00							
*130*									
Packaging	Memo	0.00				4X			SP
Packaging									13-01-04
140	QC21- Final Inspection - Work Order Release	0.00							
*140*									
QC	Memo	0.00							ML5 13-01-04
Quality Control									

U 13-01-04

# Picklist Print

Monday, December 10, 2012 10:02:41 AM

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Work Order ID: 94338

Parent Item: D4305-5

Parent Item Name: Shoulder Harness

Start Date: 12/10/2012

Required Date: 12/28/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 11.03.01 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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4181-2071912396

Shoulder Harness

Purchased

No

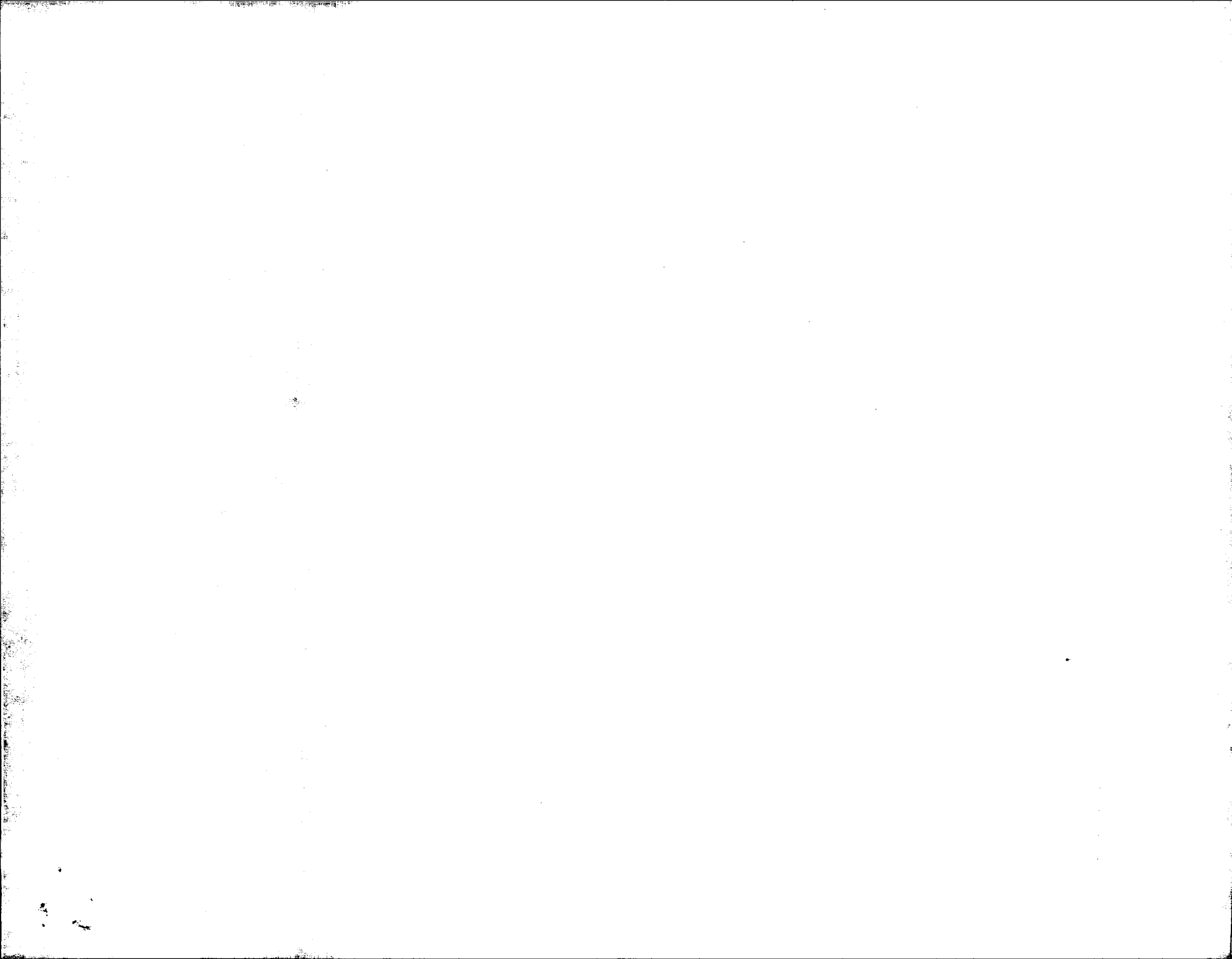
110

Each

0.0000

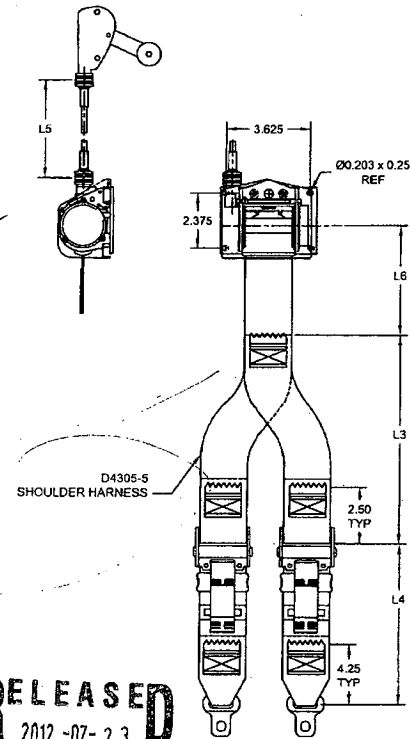
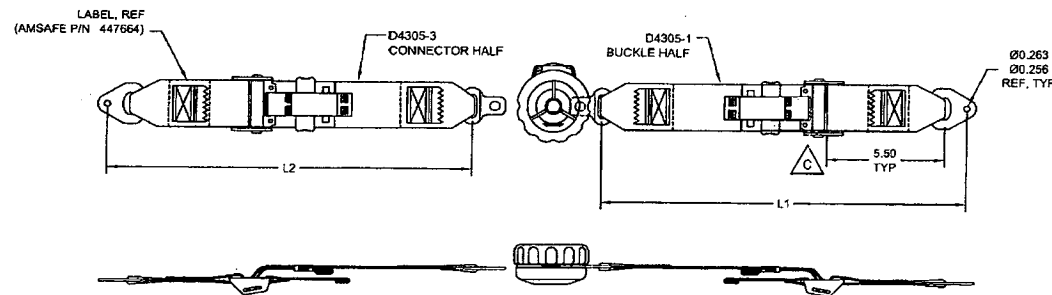
1

✓ 4 4x 8012-12-28



# SPECIFICATION CONTROL DRAWING

DART P/N	VENDOR P/N	DESCRIPTION	VENDOR	L1	L2	L3	L4	L5	L6
D4305-1	4181-2011912396	BUCKLE HALF	AMSAFE	30.00					
D4305-3	4181-2031912396	CONNECTOR HALF	AMSAFE		30.00				
D4305-5	4181-2071912396	SHOULDER HARNESS	AMSAFE			41.00	4.00-22.00	22.00	40.00



RELEASED  
2012-07-23

## NOTES:

- 1) PURCHASE: AMSAFE INC. P/N: 4181-2-191-2396.  
4 POINT SHOULDER HARNESS WITH BUCKLE ASSEMBLY  
MEETS REQUIREMENTS OF TSO-C114  
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607  
TO CONTAIN THE FOLLOWING AT MINIMUM:  
MANUFACTURER P/N. 4181-2-191-2396  
CUST P/N: D4305-041  
RATED: 3000 LBS DATE OF MFG  
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 3.36 lbs

## D4305-041 SHOULDER HARNESS

C	5.50 WAS 4.00, L3 WAS 49.00, L4 WAS 4.00 - 26.00	RP	12.07.03
B	REVERSED ORIENTATION OF ADJUSTER ASSEMBLIES ON D4305-1 AND D4305-3. L1 & L2 WERE 24.00. L4 REDEFINED. L3 WAS L5 AND WAS 18.00. L6 ADDED. L5 WAS L6 AND WAS 30.00. UPDATE AMSAFE PART NUMBERS.	RP	12.05.25
A	NEW ISSUE	RF	10.11.26
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	A.P.		
MFG. APPR.	U.S.P.		
APPROVED	U.S.P.		
DE APPR.	U.S.P.	DRAWING NO. REV. C DSC-D4305 SHEET 1 OF 1 TITLE SCALE SHOULDER HARNESS NTS	
DATE	12.07.03	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PROPRIETARY AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



# AmSafe

1043 NORTH 47th AVENUE  
PHOENIX, AZ 85043  
PH (602)850-2850 FAX (602)850-2812

## SHIPPER/CERTIFICATION



CUSTOMER NO.
10006113

SALES ORDER NO.
S246310

BOL NO.
000287632

DATE PRINTED
12/27/12

PAGE NO.
1

DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY  
HAWKESBURY, ON K6A 1K7  
Canada

DART AEROSPACE LTD.  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Canada

CUSTOMER ORDER NO.
PO18614

TERMS
NET30

FREIGHT
COLLECT

SHIP VIA
FedEx P1 10:30 AM

F.O.B.
ORIGIN

Ship to ID: 10006125

Sales Order Remarks: 1517-9324-0  
Remarks:

SHIPMENT REFERENCE 000287632

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS	DUE DATE	QTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
1	4181-2071912396 SHOULDER HARNESS ASSY	DRAWING: 4181 REV: M CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S246310-1 4181-2-191-2396	2013-01-02	4 Expire Ref.	4 4	0

SO 12-28

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):

FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Certifications Test reports as applicable are retained on file at AmSafe Aviation.

AmSafe Authorized Signature: X

Printed Name: Stephanie Turner

Date: DEC 27 2012

COUNTRY OF ORIGIN USA



1043 North 47th Avenue  
PHOENIX, AZ 85043  
PH (602)850-2850 FAX (602)278-3479

Please remit to:  
AmSafe, Inc.  
Lockbox 911928  
P.O. Box 31001-1928  
Pasadena, CA 91110-1928

**BILL TO:** DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7  
Canada

**SHIP TO:** DART AEROSPACE LTD.  
1270 ABERDEEN ST  
HAWKSBURY,, ON K6A 1K7  
Canada

**SOLD TO: DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7  
Canada**

REMARKS:  
1517-9324-0

**COMMENTS:**

Freight
COLLECT

TERMS NET30		ORDER DATE 12/17/12	SALESPERSON HEITZMAN	SHIP DATE 12/27/12	SHIP VIA FedEx P1 10:30 AM	TRACKING # 548857605203		FOB POINT ORIGIN
LINE NO.	ITEM	DESCRIPTION	UM	QUANTITY			T A X	UNIT PRICE
				LOT	BACK ORD.	SHIPPED		EXTENDED AMOUNT
1	4181-2071912396	DRAWING: 4181 REV: M SHOULDER HARNESS ASSY  4181-2-191-2396 ***ORIGINAL***	EA	S246310-1	0.0	4.0	N	294.37 USD  TSO-C114  1,177.48 USD
Non-Taxable:		1,177.48 USD						Line Total:
Total Taxable:								1,177.48 USD
The undersigned, exporter/supplier of goods listed in this invoice/document, declares that according to the rule being valid in the European Union, the origin of these goods is the United States of America.								
Signature: <i>Stephen Turner</i>		Date: <b>DEC 27 2012</b>		Phoenix, Arizona, USA			Sales Tax:	
		Total:						1,177.48 USD



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO18614

Purchase Order Date 12/10/12

PO Print Date 12/17/12

Page Number 1 of 1

Order From :

VU-AMS001

AMSAFE INC.  
LOCKBOX #911928  
P.O. BOX 31001-1928

PASADENA, CA 91110-1928  
US

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

602 850 2850

602 850 2812

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

**FAXED**  
12/16/12

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**REVISED**

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	4181-2071912396	Shoulder Harness	12/28/12 Yes	4.00 Each	FedEx PI collect	\$294.3700	\$1,177.48

Special Inst: AS PER DWG D4305 REV. C  
B94338  
AMSAFE P/N: 4181-2071912396  
  
PLEASE ADVISE PRICE \$\$\$\$ AND  
DELIVERY

PO Total:

\$1,177.48

\$ 12-12-28

u cL

Change Nbr:

Change Date: 12/17/12

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required **(YES)** NO

## Chantal Lavoie

---

**From:** Kathy Wade <kwade@AMSAFE.com>  
**Sent:** December 12, 2012 6:49 PM  
**To:** Chantal Lavoie  
**Subject:** RE: new p/o:18614

Dear Chantal,

The price is \$294.37 each. Please send a revised PO with that price on it. Lead time would be 3 weeks.

Best Regards,

*Kathy Wade*  
*Customer Service Sales Analyst*  
*AmSafe*  
*(602) 850.2899 Phone*  
*(602) 850-2812 Fax*

---

**From:** Chantal Lavoie [<mailto:clavoie@dartaero.com>]  
**Sent:** Monday, December 10, 2012 1:00 PM  
**To:** Kathy Wade  
**Subject:** new p/o:18614

Hi Kathy,  
Please see attached for new po:18614. Please advise price and delivery.  
Thanks  
Chantal

Click [here](#) to report this email as spam.

100

Figure 1 consists of four micrographs labeled (a) through (d), showing the morphology of poly(vinylidene fluoride) (PVDF) crystals. The scale bar indicates 10 μm. (a) 0% DCE: shows a typical spherulitic morphology. (b) 10% DCE: shows a more elongated spherulitic morphology. (c) 20% DCE: shows a highly elongated, needle-like morphology. (d) 30% DCE: shows a very elongated, needle-like morphology.

# AmSafe

1043 NORTH 47th AVENUE  
PHOENIX, AZ 85043  
PH (602)850-2850 FAX (602)850-2812

## SALES ORDER

Number: S246310 ✓ Page: 1

CUSTOMER NO
10006113 ✓

SHIP TO NO
10006125 ✓

CUSTOMER P.O. NO
PO18614 ✓

DATE
12/17/12

**SOLD TO:**

DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY  
HAWKESBURY, ON K6A 1K7  
Canada

**BILL TO:**

DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7  
Canada

**SHIP TO:**

DART AEROSPACE LTD.  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Canada

Attention: CHANTAL LAUDIE  
Telephone: 613-632-9577  
Fax: 613-632-1053

Salesperson: RICHARD HEITZMAN  
Customer Service Rep: KATHY WADE

Site: 1

TERMS
NET 30

FREIGHT TERMS
COLLECT

SHIP VIA
FedEx P1 10:30 AM ✓

FOB POINT
ORIGIN

LINE NO	ITEM NUMBER	DESCRIPTION	SHIP DATE	QTY	OPEN	UM	UNIT PRICE	EXTENDED AMOUNT
1	4181-2071912396 34269241 ✓	TSO-C114  SHOULDER HARNESS ASSY 4181-2-191-2396	01/02/13 ✓	4		EA	294.37 USD	1,177.48 USD
						DRW:4181		REV: M

REMARKS: 1517-9324-0

Final Destination Canada

COUNTRY OF ORIGIN USA

FAA 8130 FORMS REQUIRED

LINE TOTAL:	1,177.48 USD
FREIGHT:	0.00 USD
AOG:	0.00 USD
URGENT:	0.00 USD
TOTAL:	1,177.48 USD

1. Approving National Aviation Authority/Country:  FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>			3. Form Tracking Number:  <i>S246310-INA</i>	
4. Organization Name and Address:  AmSafe Aviation 1043 North 47th Avenue Phoenix, Arizona 85043		Cert. No. <b>PT1967NM</b>			5. Work order/Contract/Invoice Number: <b>S246310 - 1</b> PAGES ATTACHED <i>1</i>	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	SHOULDER HARNESS ASSY	4181-2071912396	N/A	4	<i>A1212</i>	NEW
13. Remarks: Drawing: <b>4181</b> Rev: <b>M</b> TSO: <b>TSO-C114</b> <div style="text-align: center; margin-top: 10px;"> <b>"THIS PART IS A SUBCOMPONENT OF A <u>TSO</u> ARTICLE"</b> </div>						
EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA						
14. Certifies the items identified above were manufactured in conformity to:  <input checked="checked" type="checkbox"/> Approved design data and are in a condition for safe operation  <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13  Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature: <i>Nellie Alvarado</i>		16. Approval/Authorization No.: <b>ODA602112NM</b>		20. Authorized Signature		21. Authorized/Certificate No.
17. Name (typed or printed) <b>Nellie Alvarado</b>		18. Date (m/d/y): <i>DEC 26 / 2012</i>		22. Names (typed or printed)		23. Date (m/d/y):
<b>User/Installer Responsibilities</b>						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.  Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						